

Virtual Private Network and Tunnel Gateway with Multiple Overlapping, Remote Subnets

Abstract of the Disclosure

5 Local gateway support for multiple overlapping remote networks. The local gateway includes a pool of unique, internally routable system-wide addresses, an address bind table, a filter rules table, and a collection of security association databases. A plurality of overlapping connections are received at the local gateway from remote networks, each including an inbound packet having a source IP address. For each connection, the source IP address is bound with an address from the address pool in a bind table. Outbound packets are processed through the bind table to determine the destination IP address corresponding to a correct one of the plurality of overlapping connections.

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